

Fig. 1

ATGCTGCGTCGGCGGGGCAGCCCTGGCATGGGTGTGCATGTGGGTGCAGCCC
TGGGAGCACTGTGGTTCTGCCTCACAGGAGCCCTGGAGGTCCAGGTCCCTGA
AGACCCAGTGGTGGCACTGGTGGGCACCGATGCCACCCTGTGCTGCTCCTTCT
CCCCTGAGCCTGGCTTCAGCCTGGCACAGCTCAACCTCATCTGGCAGCTGAC
AGATAACCAAACAGCTGGTGCACAGCTTTGCTGAGGGCCAGGACCAGGGCAG
CGCCTATGCCAACCGCACGGCCCTCTTCCCGGACCTGCTGGCACAGGGCAAC
GCATCCCTGAGGCTGCAGCGCGTGCCTGTGGCGGACGAGGGCAGCTTCACCT
GCTTCGTGAGCATCCGGGATTTTCGGCAGCGCTGCCGTCAGCCTGCAGGTGGC
CGCTCCCTACTCGAAGCCCAGCATGACCCTGGAGCCCAACAAGGACCTGCGG
CCAGGGGACACGGTGACCATCACGTGCTCCAGCTACCGGGGCTACCCTGAGG
CTGAGGTGTTCTGGCAGGATGGGCAGGGTGTGCCCCTGACTGGCAACGTGAC
CACGTCGCAGATGGCCAACGAGCAGGGCTTGTTTGATGTGCACAGCGTCCTG
CGGGTGGTGCTGGGTGCGAATGGCACCTACAGCTGCCTGGTGCGCAACCCCG
TGCTGCAGCAGGATGCGCACGGCTCTGTACCATCACAGGGCAGCCTATGAC
ATTCCCCCAGAGGCCCTGTGGGTGACCGTGGGGCTGTCTGTCTGTCTCATTG
CACTGCTGGTGGCCCTGGCTTTTCGTGTGCTGGAGAAAGATCAAACAGAGCTG
TGAGGAGGAGAATGCAGGAGCTGAGGACCAGGATGGGGAGGGAGAAGGCTC
CAAGACAGCCCTGCAGCCTCTGAAACACTCTGACAGCAAAGAAGATGATGG
ACAAGAAATAGCCTGA

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Fig. 2

ATGCTGCGTCGGCGGGGAGCCCTGGCATGGGTGTGCATGTGGGTGCAGCCC
TGGGAGCACTGTGGTTCTGCCTCACAGGAGCCCTGGAGGTCCAGGTCCCTGA
AGACCCAGTGGTGGCACTGGTGGGCACCGATGCCACCCTGTGCTGCTCCTTCT
CCCCTGAGCCTGGCTTCAGCCTGGCACAGCTCAACCTCATCTGGCAGCTGAC
AGATACCAAACAGCTGGTGCACAGCTTTGCTGAGGGCCAGGACCAGGGCAG
CGCCTATGCCAACCGCACGGCCCTCTTCCCGGACCTGCTGGCACAGGGCAAC
GCATCCCTGAGGCTGCAGCGCGTGCCTGTGGCGGACGAGGGCAGCTTCACCT
GCTTCGTGAGCATCCGGGATTTCTGGCAGCGCTGCCGTCAGCCTGCAGGTGGC
CGCTCCCTACTCGAAGCCCAGCATGACCCTGGAGCCCAACAAGGACCTGCGG
CCAGGGGACACGGTGACCATCACGTGCCCCAGCTACCGGGGCTACCCTGAGG
CTGAGGTGTTCTGGCAGGATGGGCAGGGTGTGCCCCTGACTGGCAACGTGAC
CACGTGCGCAGATGGCCAACGAGCAGGGCTTGTTTGATGTGCACAGCGTCCTG
CGGGTGGTGCTGGGTGCGAATGGCACCTACAGCTGCCTGGTGCGCAACCCCG
TGCTGCAGCAGGATGCGCACGGCTCTGTACCATCACAGGGCAGCCTATGAC
ATTCCCCCAGAGGGCCCTGTGGGTGACCGTGGGGCTGTCTGTCTGTCTCATG
CACTGCTGGTGGCCCTGGCTTTCGTGTGCTGGAGAAAGATCAAACAGAGCTG
TGAGGAGGAGAATGCAGGAGCTGAGGACCAGGATGGGGAGGGAGAAGGCTC
CAAGACAGCCCTGCAGCCTCTGAAACACTCTGACAGCAAAGAAGATGATGG
ACAAGAAATAGCCTGA

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Fig. 3

MLRRRGSPGMGVHVGAAALGALWFCLTGALEVQVPEDPVVALVGTDATLCCSFS
PEPGFSLAQLNLIWQLTDTKQLVHSFAEGQDQGSAYANRTALFPDLLAQGNASL
RLQRVRVADEGSFTCFVSIRDFGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDTVT
ITCSSYRGYPEAEVFWQDGQGVPLTGNVTTSQMANEQGLFDVHSVLRVVLGAN
GTYSCLVRNPVLQQDAHGSVTITGQPMTFPEALWVTVGLSVCLIALLLVALAFV
CWRKIKQSCEEENAGAEDQDGELEGSKTALQPLKHSDSKEDDGQEIA

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Fig. 4

MLRRRGSPGMGVHVGAAALGALWFCLTGALEVQVPEDPVVALVGTDATLCCSFS
PEPGFSLAQLNLIWQLTDTKQLVHSFAEGDQGSAYANRTALFPDLLAQGNASL
RLQVRVVADEGSFTCFVSIRDFGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDTVT
ITCPSYRGYPEAEVFWQDGQGVPLTGNTTSQMANEQGLFDVHSVLRVVLGAN
GTYSCLVRNPVLQQDAHGSVTITGQPMTFPPEALWVTVGLSVCLIALLVALAFV
CWRKIKQSCEENAGAEDQDGELEGSKTALQPLKHSDSKEDDGQEIA

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F **C** **E** **T**

[illegible][illegible][illegible]

IgV-like domain

signal peptide

MLRRRGSPGMGVHGAALGALWFCITGALEVPEDPVVALVGTATLCCSFPEPGFSLAQNLNIWQLTDTKQLVHSFAEGQDQGSAY
.....
ANRTALFPDLLAQQNASRLQRVRVADEGSFTCFVSIRDFGSAAVSLQVAAPYSKPSMTLEPNKDLRPGDTVITCSSYRGYPEAEVFV
.....
QDGQGVPALTGNVTTSQMANEQGLFDVHSVLRVLVGANGTYSCLVRNPVLQQDAHGSVTITGQPMTFPPEALWTVGLSVCLIALLVALA
.....

IgC-like domain

TM

IgC-like domain

..... IC
FVCMRTKOSCFEENAGAEODDGEGETALQPLKHSKEDDGEIA

Fig. 5B

Fig. 6 A

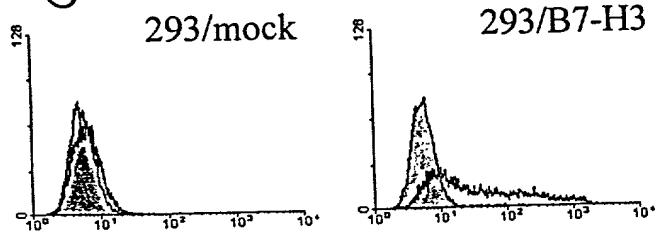


Fig. 6 B

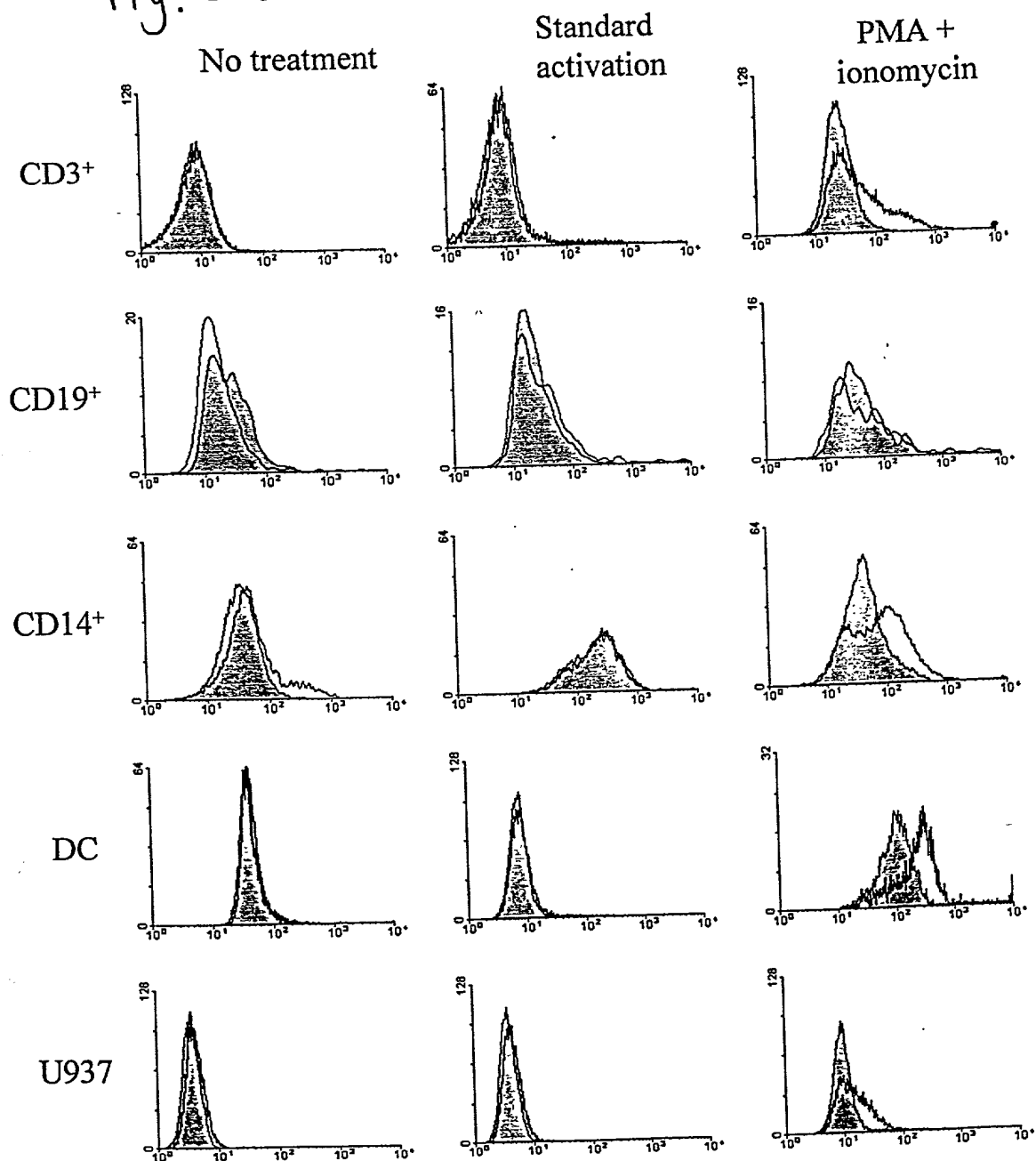


FIG. 6A 68251660

Fig. 7A

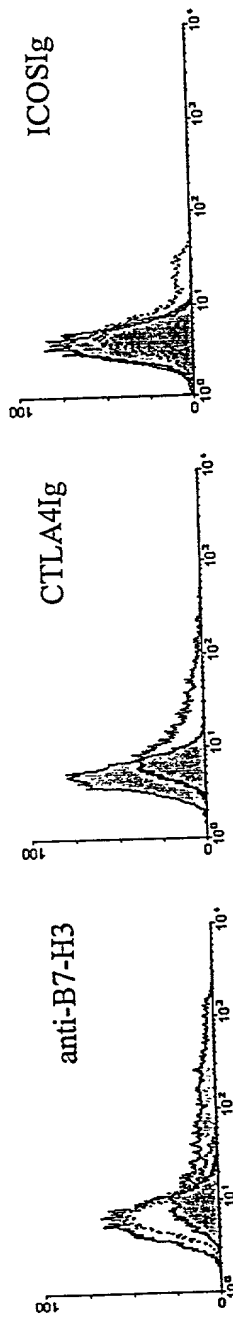
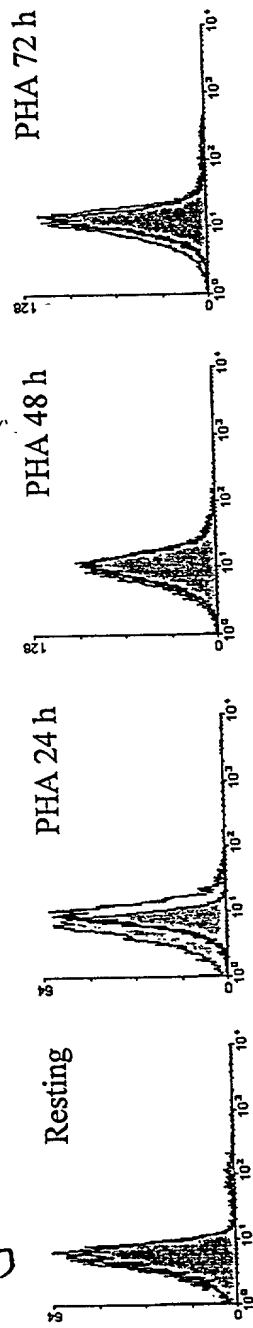


Fig. 7B

Fig. 8A

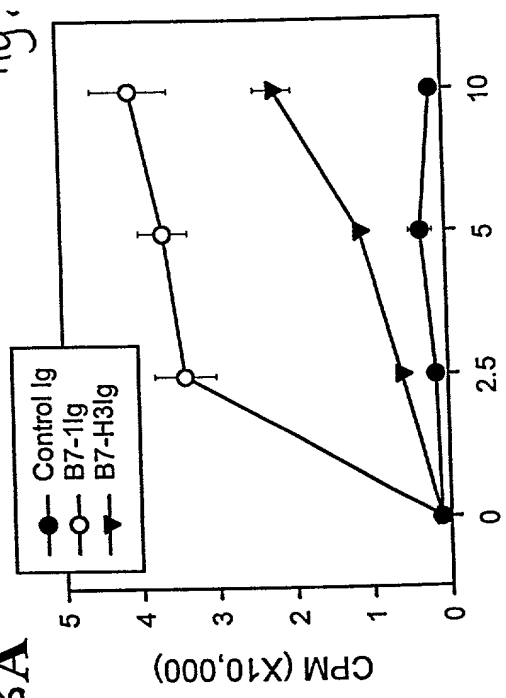


Fig. 8B

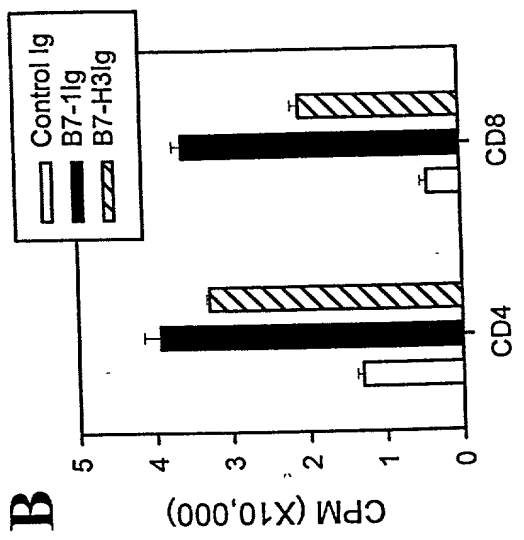


Fig. 8C

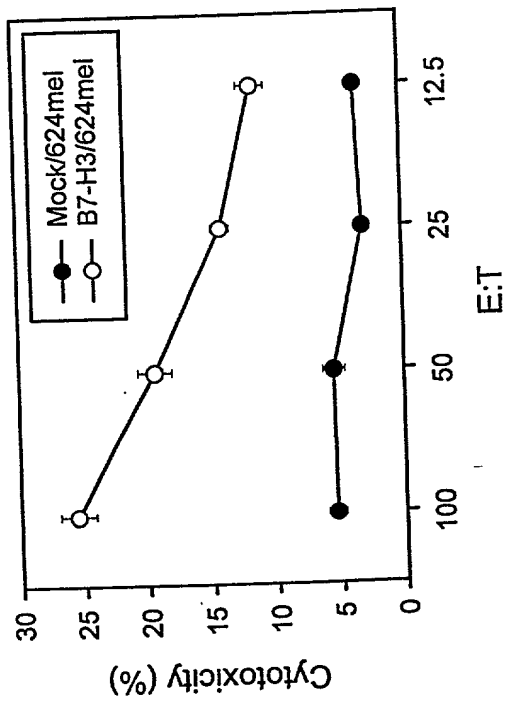


Fig. 9

ATGGCTTCCCTGGGGCAGATCCTCTTCTGGAGCATAATTAGCATCATCATTAT
TCTGGCTGGAGCAATTGCACTCATCATTGGCTTTGGTATTTTCAGGGAGACACT
CCATCACAGTCACTACTGTCGCCTCAGCTGGGAACATTGGGGAGGATGGAAT
CCTGAGCTGCACTTTTGAACCTGACATCAAACCTTTCTGATATCGTGATACAAT
GGCTGAAGGAAGGTGTTTTAGGCTTGGTCCATGAGTTCAAAGAAGGCAAAGA
TGAGCTGTCGGAGCAGGATGAAATGTTTCAGAGGCCGGACAGCAGTGTTTGCT
GATCAAGTGATAGTTGGCAATGCCTCTTTGCGGCTGAAAAACGTGCAACTCA
CAGATGCTGGCACCTACAAATGTTATATCATCACTTCTAAAGGCAAGGGGAA
TGCTAACCTTGAGTATAAACTGGAGCCTTCAGCATGCCGGAAGTGAATGTG
GACTATAATGCCAGCTCAGAGACCTTGCGGTGTGAGGCTCCCCGATGGTTCC
CCCAGCCCACAGTGGTCTGGGCATCCCAAGTTGACCAGGGAGCCAACTTCTC
GGAAGTCTCCAATACCAGCTTTGAGCTGAACTCTGAGAATGTGACCATGAAG
GTTGTGTCTGTGCTCTACAATGTTACGATCAACAACACATACTCCTGTATGAT
TGAAAATGACATTGCCAAAGCAACAGGGGATATCAAAGTGACAGAATCGGA
GATCAAAAGGCGGAGTCACCTACAGCTGCTAAACTCAAAGGCTTCTCTGTGT
GTCTCTTCTTTCTTTGCCATCAGCTGGGCACTTCTGCCTCTCAGCCCTTACCT
GATGCTAAAATAA

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Fig. 10

MASLGQILFWSIISIIILAGAIALIIGFGISGRHSITVTTVASAGNIGEDGILSCTFEPD
IKLSDIVIQWLKEGVLGLVHEFKEGKDELSEQDEMFRGRTAVFADQVIVGNASLR
LKNVQLTDAGTYKCYIITSKGKGNANLEYKTGAFSMPEVNVDYNASSETLRCEA
PRWFPQPTVVWASQVDQGANFSEVSNTSFELNSENVTMKVVSVLNVNTINNTYS
CMIENDIAKATGDIKVTSEIKRRSHLQLLSKASLCVSSFFAISWALLPLSPYLM
LK

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B7-H4
 B7-H2
 B7-H3.2
 B7-H1
 B7-2
 B7-1 L N

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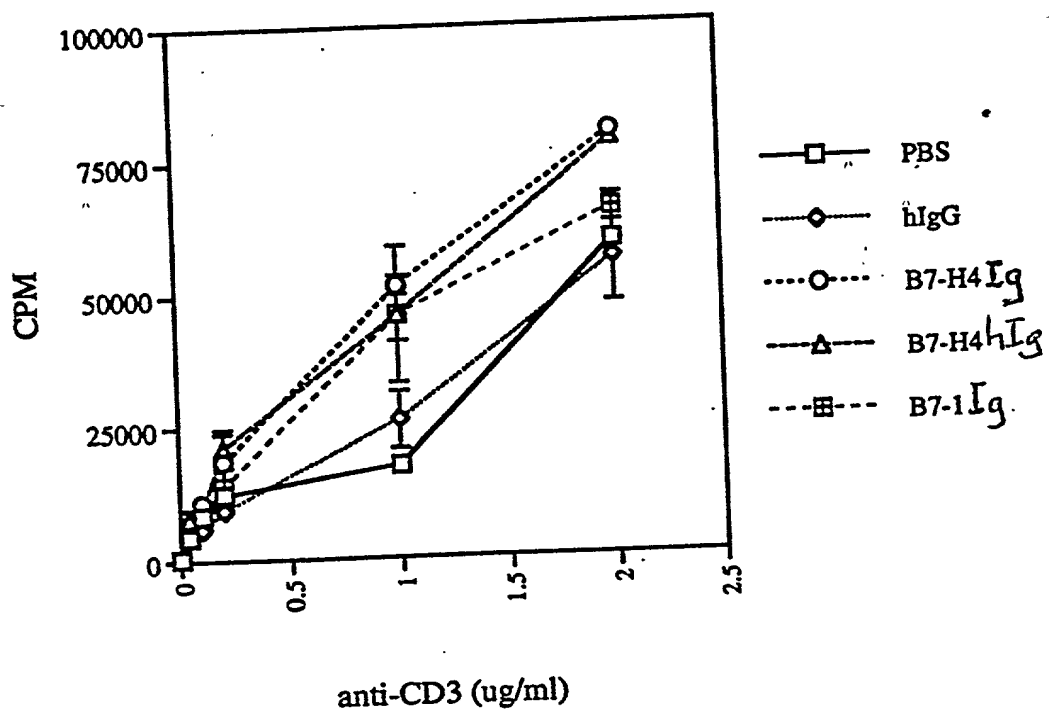


FIG. 12

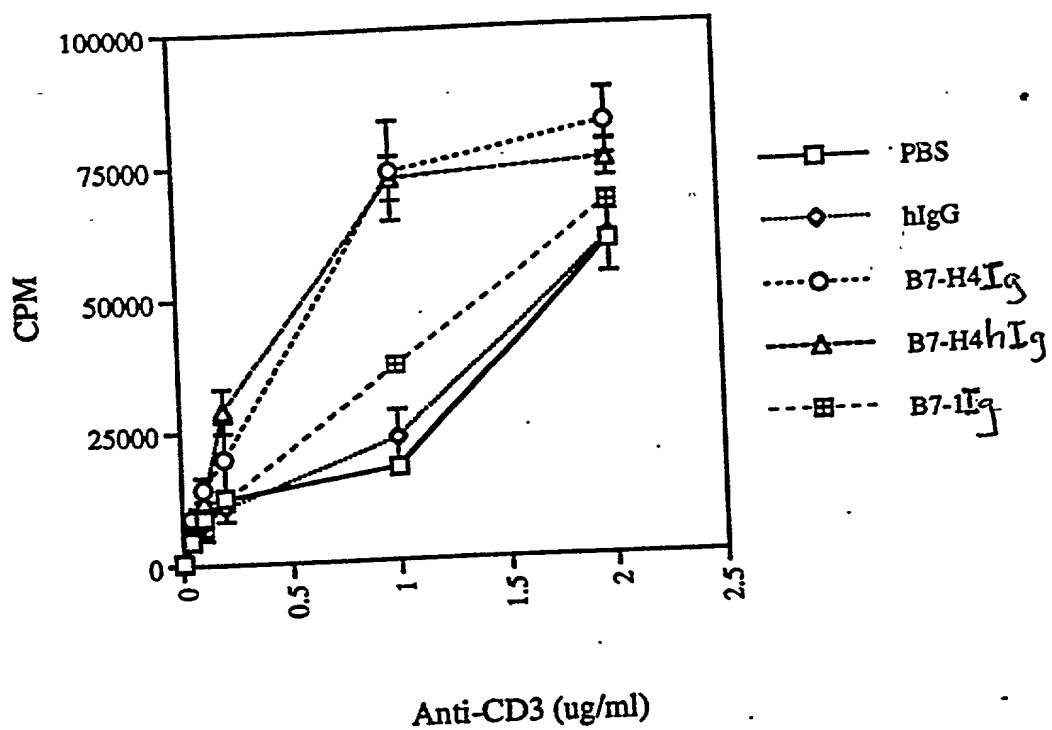


FIG. 13

Fig. 14

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